

ABSTRACT OF THE DISCLOSURE

A modem and method for adjusting data transmission speed of the modem is provided. The modem, installed between a subscriber's terminal and an external modem for relaying communication, includes a timer for
5 determining data transmission speed from the external modem, and a timer controller for performing a training process for determining data transmission speed of a line connecting the modem and the external modem. The timer controller determining a clock value of the timer based on the data transmission speed of the line determined by the training process.
10 Accordingly, the data transmission speed of the model can be adjusted according to the data transmission speed of the line.